

Subst. Form PTO-1449

Atty. Docket No.: SLD 2 035-3-3-1-1-1(III)
P-3724-2-F1-C1-C3

Serial No.: Unknown

APPLICANT'S(S) INFORMATION
DISCLOSURE STATEMENT

Page 1 of 10

Applicants: Sullivan

Filing Date: Herewith

Group: 3711

JC971 U.S. PTO
09/873642

06/04/01

U.S. PATENT DOCUMENTS

Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
RG	2,741,480 4.56	04/1963	Smith			
	2,973,800 3.61	09/1968	Muccino			
	3,053,539 9.62	06/1969	Piechowski			
	3,264,272	08/1966	Rees			
	3,313,545 4.67	09/1963	Bartsch			
	3,373,123	03/1968	Brice			
	3,384,612	05/1968	Brandt et al.			
	3,395,109	07/1968	Molitor et al.			
	3,458,205 7.69	04/1965	Smith et al.			
	3,502,338	03/1970	Cox			
	3,534,965	10/1970	Harrison et al.			
	3,572,721	03/1971	Harrison et al.			
	3,883,145	05/1975	Cox et al.			
	3,979,126	09/1976	Dusbiber			
	3,989,568	11/1976	Isaac			

FOREIGN PATENT DOCUMENTS

Initial*	Document No.	Date	Country	Class	Subcl.	Translation?
RG	494,031	10/1938	GB			
	2,245,580	01/1992	GB			
	2,248,067	03/1992	GB			
	2,264,302	11/1992	GB			
	2,291,811 2/	1996	GB			

OTHER ART

RG	A General Reference Manual, "The Chemistry of Polyurethane Coatings," Mobay Corporation, 1-16 (1988)
	Product Announcement, "New Polyurea System Offering Rapid Mold Times and Excellent Thermal Stability for Automotive Fascias Is Introduced by Mobay," PRNewswire, March 1, 1998
	Cytec Industries, Inc., "TMXDI®(META) Aliphatic Isocyanates," brochure, pp. 2-11, 9/94
	Bayer Corporation, "Engineering Polymers RIM and Part Mold Design," brochure, pp. 1-85, 5/95

Examiner:

Date Considered:

9-8-01

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

Subst. Form PTO-1449

Atty. Docket No.: SLD 2 035-3-3-1-1-1(III)
P-3724-2-F1-C1-C3

Serial No.: Unknown

091873, 642

APPLICANT'S(S) INFORMATION
DISCLOSURE STATEMENT

Page 2 of 10

Applicants: Sullivan

Filing Date: Herewith

Group: 3711

U.S. PATENT DOCUMENTS

Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
RG	4,076,255	02/1978	Moore et al.			
	4,085,937	04/1978	Schenk			
	4,123,061	10/1978	Dusbiber			
	4,190,711	02/1980	Zdrahala et al.			
	4,218,543	08/1980	Weber et al.			
	4,248,432	02/1981	Hewitt et al.			
	4,272,079	06/1981	Nakade et al.			
	4,274,637	06/1981	Molitor			
	4,337,946	07/1982	Saito et al.			
	4,431,193	02/1984	Nesbitt			
	4,442,282	04/1984	Kolycheck			
	4,570,937	02/1986	Yamada			
	4,582,887	04/1986	Dominguez et al.			
	4,590,219	05/1986	Nissen et al.			
	4,607,090	08/1986	Dominguez			
	4,650,193	03/1987	Molitor et al.			

FOREIGN PATENT DOCUMENTS

Initial*	Document No.	Date	Country	Class	Subcl.	Translation?
RG	2,291,812	2/1996	GB			
	2,137,841	6.95	Canada			
	0,589,647	3.94	EP Patent Application			
	0,630,665	12/	EP Patent Application			
	0,637,459	2.95	EP Patent Application			

OTHER ART

RG	Bayer Corporation, "Engineering Polymers Properties Guide Thermoplastics and Polyurethanes," brochure, pp. 2-7, 28-29
	A Properties Guide, "Engineering Polymers Thermoplastics and Thermosets," Miles Inc., 1-23 (1994)
	Polyurethane Handbook, "Chemistry-Raw Materials-Processing Applications-Properties," edited by Oertel et al., Hanser/Gardner Publications, Inc., 101,102 (1994)

Examiner:

Date Considered:

9-8-01

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

Subst. Form PTO-1449

APPLICANT'S(S) INFORMATION
DISCLOSURE STATEMENT
Page 3 of 10Atty. Docket No.: SLD 2 035-3-3-1-1-1(III)
P-3724-2-F1-C1-C3Serial No.: Unknown
04/873,643

Applicants: Sullivan

Filing Date: Herewith

Group: 3711

U.S. PATENT DOCUMENTS

Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
RCB ↓	4,674,751	06/1987	Molitor et al.			
	4,679,795	07/1987	Melvin et al.			
	4,688,801	08/1987	Reiter			
	4,690,981	09/1987	Statz			
	4,695,055	9/1987	Newcomb et al.			
	4,714,253	12/1987	Nakahara et al.			
	4,762,322	08/1988	Molitor et al.			
	4,798,386	01/1989	Berard			
	4,848,770	07/1989	Shama			
	4,852,884	08/1989	Sullivan			
	4,858,923	08/1989	Gobush et al.			
	4,858,924	08/1989	Saito et al.			
	4,878,674	11/1989	Newcomb et al.			
	4,884,814	12/1989	Sullivan			
	4,911,451	03/1990	Sullivan et al.			
	4,919,434	04/1990	Saito			

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subcl.	Translation?

OTHER ART

RCB ↓	Translated Claims for JP 1,795,357 publ. 1/19/93
	DuPont NUCREL 035 Resin, DuPont Company, Wilmington, DE 1989 (no date)
	ESCOR ACID TERPOLYMERS, EXXON Chemical Co.
	Translated Claims for JP 1,771,941 publ. 8/6/92

Examiner:

Date Considered:

9-8-01

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

Subst. Form PTO-1449

Atty. Docket No.: SLD 2 035-3-3-1-1-1(III)
P-3724-2-F1-C1-C3

Serial No.: Unknown

09/873,642

APPLICANT'S(S') INFORMATION
DISCLOSURE STATEMENT

Page 4 of 10

Applicants: Sullivan

Filing Date: Herewith

Group: 3711

U.S. PATENT DOCUMENTS

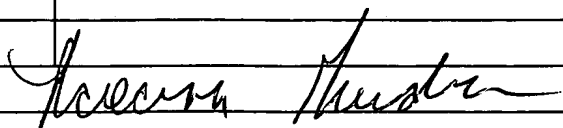
Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
RC	4,957,297	09/1990	Newcomb et al.			
	4,979,746	12/1990	Gentiluomo			
	4,984,804	01/1991	Yamada et al.			
	4,986,545	01/1991	Sullivan			
	5,002,281	03/1991	Nakahara et al.			
	5,006,297	04/1991	Brown et al.			
	5,019,319	05/1991	Nakamura et al.			
	5,026,067	06/1991	Gentiluomo			
	5,035,425	07/1991	Edwards			
	5,045,591	09/1991	Meyer et al.			
	5,048,838	09/1991	Chikaraishi et al.			
	5,068,151	11/1991	Nakamura			
	5,072,944	12/1991	Nakahara et al.			
	5,096,201	03/1992	Egashira et al.			
	5,098,105	03/1992	Sullivan			
	5,104,126	04/1992	Gentiluomo			

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subcl.	Translation?

OTHER ART

Examiner:



Date Considered:

9-8-01

*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

Subst. Form PTO-1449

APPLICANT'S(S') INFORMATION
DISCLOSURE STATEMENT
Page 5 of 10Atty. Docket No.: SLD 2 035-3-3-1-1-1(III)
P-3724-2-F1-C1-C3Serial No.: Unknown
09/873,642

Applicants: Sullivan

Filing Date: Herewith

Group: 3711

U.S. PATENT DOCUMENTS

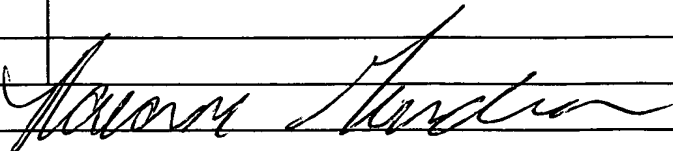
Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
Re	5,120,791	06/1992	Sullivan			
	5,142,835	09/1992	Mrocca			
	5,150,906	09/1992	Molitor et al.			
	5,156,405	10/1992	Kitaoh et al.			
	5,184,828	02/1993	Kim et al.			
	5,187,013	02/1993	Sullivan			
	5,197,740	03/1993	Pocklington et al.			
	5,219,973	06/1993	Slack et al.			
	5,222,739	06/1993	Horiuchi et al.			
	5,244,969	09/1993	Yamada			
	5,253,871	10/1993	Viollaz			
	5,273,286	12/1993	Sun			
	5,273,287	12/1993	Molitor et al.			
	5,274,041	12/1993	Yamada			
	5,281,651	01/1994	Arjunan et al.			
	5,300,334	04/1994	Niederst et al.			

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subcl.	Translation?

OTHER ART

Examiner:



Date Considered:

9-8-01

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

Subst. Form PTO-1449

Atty. Docket No.: SLD 2 035-3-3-1-1-1(III)
P-3724-2-F1-C1-C3Serial No.: Unknown
091873,642APPLICANT'S(S') INFORMATION
DISCLOSURE STATEMENT
Page 6 of 10

Applicants: Sullivan

Filing Date: Herewith

Group: 3711

U.S. PATENT DOCUMENTS

Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
Re	5,304,608	04/1994	Yabuki et al.			
	5,306,760	04/1994	Sullivan			
	5,312,857	05/1994	Sullivan			
	5,314,187	05/1994	Proudfit			
	5,324,783	06/1994	Sullivan			
	5,330,837	07/1994	Sullivan			
	5,334,673	08/1994	Wu			
	5,338,610	08/1994	Sullivan			
	5,368,304	11/1994	Sullivan et al.			
	5,368,806	11/1994	Harasin et al.			
	5,387,750	02/1995	Chiang			
	5,403,010	04/1995	Yabuki et al.			
	5,439,227	08/1995	Egashira et al.			
	5,480,155	01/1996	Molitor et al.			
	5,482,285	01/1996	Yabuki et al.			
	5,484,870	01/1996	Wu			

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subcl.	Translation?

OTHER ART

Examiner:

Date Considered:

9801

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

Subst. Form PTO-1449

Atty. Docket No.: SLD 2 035-3-3-1-1-1(III)
P-3724-2-F1-C1-C3

Serial No.: Unknown

04/833,642

APPLICANT'S(S') INFORMATION
DISCLOSURE STATEMENT
Page 7 of 10

Applicants: Sullivan

Filing Date: Herewith

Group: 3711

U.S. PATENT DOCUMENTS

Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
<i>Re</i>	5,490,673	02/1996	Hiraoka			
	5,490,674	02/1996	Hamada et al.			
	5,492,972	02/1996	Stefani			
	5,553,852	09/1996	Higuchi et al.			
	5,586,950	12/1996	Endo			
	5,628,699	05/1997	Maruko et al.			
	5,668,239	09/1997	Nodelman et al.			
	5,674,137	10/1997	Maruko et al.			
	5,688,191	11/1997	Cavallaro et al.			
	5,692,974	12/1997	Wu et al.			
	5,730,665	03/1998	Shimosaka et al.			
	5,733,206	03/1998	Nesbitt et al.			
	5,733,207	03/1998	Sullivan et al.			
	5,733,428	03/1998	Calabria et al.			
	5,739,247	04/1998	Lesko et al.			
	5,739,253	04/1998	Nodelman et al.			

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subcl.	Translation?

OTHER ART

Examiner:

[Signature]

Date Considered:

9/8/07

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

Subst. Form PTO-1449

Atty. Docket No.: SLD 2 035-3-3-1-1-1(III)
P-3724-2-F1-C1-C3

Serial No.: Unknown

09/873,642

APPLICANT'S(S) INFORMATION
DISCLOSURE STATEMENT

Page 8 of 10

Applicants: Sullivan

Filing Date: Herewith

Group: 3711

U.S. PATENT DOCUMENTS

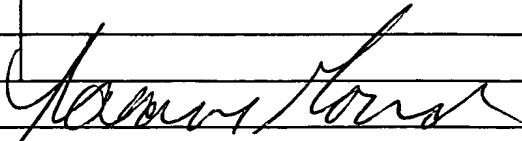
Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
RC6 ↓	5,750,580	05/1998	Mayer et al.			
	5,759,676	06/1998	Cavallaro et al.			
	5,779,561	07/1998	Sullivan et al.			
	5,779,562	07/1998	Melvin et al.			
	5,779,563	07/1998	Yamagishi et al.			
	5,783,293	07/1998	Lammi			
	5,792,008	08/1998	Kakiuchi et al.			
	5,797,808	08/1998	Hayashi et al.			
	5,800,284	09/1998	Sullivan et al.			
	5,803,831	09/1998	Sullivan et al.			
	5,810,678	09/1998	Cavallaro et al.			
	5,813,923	09/1998	Cavallaro et al.			
	5,816,937	10/1998	Shimosaka et al.			
	5,820,488	10/1998	Sullivan et al.			
	5,820,489	10/1998	Sullivan et al.			
	5,820,491	10/1998	Hatch et al.			

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subcl.	Translation?

OTHER ART

Examiner:



Date Considered:

9801

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

Subst. Form PTO-1449

APPLICANT'S(S') INFORMATION
DISCLOSURE STATEMENT
Page 9 of 10Atty. Docket No.: SLD 2 035-3-3-1-1-1(III)
P-3724-2-F1-C1-C3Serial No.: Unknown
09/873,642

Applicants: Sullivan

Filing Date: Herewith

Group: 3711

U.S. PATENT DOCUMENTS

Initial*	Document No.	Date	Name	Class	Subcl.	Filing Date
<i>Ro</i>	5,827,167	10/1998	Dougan et al.			
<i>↓</i>	5,830,087	11/1998	Sullivan et al.			
	5,833,553	11/1998	Sullivan et al.			
	5,833,554	11/1998	Sullivan et al.			
	5,836,833	11/1998	Shimosaka et al.			
	5,849,168	12/1998	Lutz			
	5,856,388	01/1999	Harris et al.			
	5,863,264	01/1999	Yamagishi et al.			
	5,873,796	02/1999	Cavallaro et al.			
	5,885,172	03/1999	Hebert et al.			
	5,888,437	03/1999	Calabria et al.			
	5,891,973	04/1999	Sullivan et al.			
	5,897,884	04/1999	Calabria et al.			
	5,899,822	05/1999	Yamagishi et al.			
	5,902,192	05/1999	Kashiwagi et al.			
<i>↓</i>	5,908,358	06/1999	Wu			

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subcl.	Translation?

OTHER ART

Examiner:

[Signature]

Date Considered:

9/8/99

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

